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MODIS.DATA.TEAM
bj: MODIS SDST Minutes 05/08/92

DDIS Science Data Support Team (SDST) Meeting Minutes 05/08/92

TENDEES: Lloyd Carpenter RDC 982-3708
Larry Fishtahler CSC 464-3385
Al Fleig 900 286-7747
Tom Goff RDC 982-3704
Liam Gumley RDC 982-3748
Janine Harrison 920 286-5324
Ed Masuoka 920 286-7608
Jim Ormsby 974 286-6811
J-J Pan RDC 982-3738
Shahin Samadi 920.2/RMS 286-8510
Steve Ungar 923/MCST 286-4007
Lalit Wanchoo STX 513 1682
Will Webster 920.2 286-4506

XT MEETING: Date Time Building Room
Friday, May 15 10:00 am 22 G95
PICS:

MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley discussed acquiring and preparing hardware and software to support use of h
vel-1 processing package as an emergency stand-in for the MAS Quick View System (QVS) during the ASTEX field experiment. (The QV
eing modified at Marshall for Exabyte data input. It will not be ready in time to support ASTEX.)

e main components of the required system are an 80386 or 80486 PC compatible with 4MB RAM, 200MB hard disk and Coprocesso
abyte 8500 8mm tape drive (compatible with the aircraft data system); SCSI adapter card for the PC; MS-DOS software to read data from t
abyte drive.

e main challenge is software modification and system acquisition and testing in time for shipment to Ames on May 19th for testing with t
AS, followed by shipment to the Azores for operational support on May 30th. The PC will be rented by RDC, and the Exabyte drive
ng purchased by Mike King. If the hardware arrives very early in the week of May 11th, there should be adequate time for testing MA
vel-1 software functions before packing the system for shipment to Ames.

CODING RECOMMENDATIONS: J. J. Pan presented an updated draft of the RADIANCE program as a proposed Fortran example to b
luded in the coding recommendations for MODIS Science Team Members. All of the modules are given together with the FTNCHEC
put for Fortran 77 standard and portability checking. The remaining step is to assure that the example follows every provision of t
delines.

MODIS LEVEL-1A REQUIREMENTS: Tom Goff presented an overview of MODIS Level-1A processing and a discussion of EOSD
e System (ECS) Requirements as they apply to the MODIS Level-1A design. Al Fleig emphasized the importance of developing
mplete set of MODIS Level-1 requirements, and not limiting our consideration to those matters which are addressed in the EC
ecifications.

MODIS SOFTWARE AND DATA MANAGEMENT PLAN: Lloyd Carpenter presented an updated draft version of the MODIS Softwa
l Data Management Plan. Lloyd will meet with Larry Fishtahler for feedback from the EOS project. A smaller "working group" sessio
l be held to go over the plan in detail.

TION ITEMS:

24/92 [Lloyd Carpenter] Prepare the Team Leader's Software and Data Management Plan for review. (An updated draft version w
:ributed at the meeting.) STATUS: Open. Due Date: May 10, 1992.

24/92 [Lloyd Carpenter] Prepare the Team Leader's Science Computing Facility Plan for review. (Copies of the current draft version we
vided along with the handout at the May 1st meeting.) STATUS: Open. Due Date: May 10, 1992.

24/92 [Tom Goff] Develop a detailed schedule through to the delivery of Version 1 to the DAAC for Level-1A and -1B software desi
l development, identification of risk areas in Level-1A and -1B design, and prototyping of risks. STATUS: Open. Due Date: 05/22/92

24/92 [J. J. Pan] Develop a detailed schedule for the Level-2 Processing Shell design and development, identification of risk areas in t
/el-2 Processing Shell design and development, and prototyping of risks, through to the delivery of Version 1 to the DAAC. STATU
en. Due Date: 05/22/92

24/92 [J. J. Pan] Develop a detailed schedule for a typical algorithm integration into the Level-2 processing shell. STATUS: Open. D
:e: 06/05/92

24/92 [Lloyd Carpenter & Team] Develop a staffing plan for the accomplishment of the tasks shown on the schedule. STATUS: Ope
e Date: 06/12/92